

<b>Overall Expectations</b> Students will:		R	1	2	3	4	Overall Strand
<b>Characteristics of Functions</b>	Compare the characteristics of functions, and solve problems by modelling and reasoning with functions, including problems with solutions that are not accessible by standard algebraic techniques						
	Determine functions that result from the addition, subtraction, multiplication, and division of two functions and from the composition of two functions, describe some properties of the resulting functions, and solve related problems						
	Demonstrate an understanding of average and instantaneous rate of change, and determine, numerically and graphically, and interpret the average rate of change of a function over a given interval and the instantaneous rate of change of a function at a given point						
		R	1	2	3	4	Overall
<b>Polynomial &amp; Rational Functions</b>	Identify and describe some key features of polynomial functions, and make connections between the numeric, graphical, and algebraic representations of polynomial functions						
	Identify and describe some key features of the graphs of rational functions, and represent rational functions graphically						
	Solve problems involving polynomial and simple rational equations graphically and algebraically						
	Demonstrate an understanding of solving polynomial and simple rational inequalities						
		R	1	2	3	4	Overall
<b>Trigonometric Functions</b>	Demonstrate an understanding of the meaning and application of radian measure						
	Make connections between trigonometric ratios and the graphical and algebraic representations of the corresponding trigonometric functions and their reciprocals, and use these connections to solve problems						
	Solve problems involving trigonometric equations and prove trigonometric identities						
		R	1	2	3	4	Overall
<b>Exponential &amp; Logarithmic Functions</b>	Demonstrate an understanding of the relationship between exponential expressions and logarithmic expressions, evaluate logarithms, and apply the laws of logarithms to simplify numeric expressions						
	Identify and describe some key features of the graphs of logarithmic functions, make connections among the numeric, graphical and algebraic representations of logarithmic functions, and solve related problems graphically						
	Solve exponential and simple logarithmic equations in one variable algebraically, including those in problems arising from real-world applications						

Mid-term: \_\_\_\_\_

Term: \_\_\_\_\_

Summative: \_\_\_\_\_

Exam: \_\_\_\_\_

Note: Not all evaluations or expectations are equally weighted

**Final Grade:** \_\_\_\_\_